

**GILA RIVER BASIN**

**09471400 BABOCOMARI RIVER NEAR TOMBSTONE, AZ**

**LOCATION**--Lat 31° 42'01", long 110° 13'35", in NW<sub>1/4</sub>NE<sub>1/4</sub>NW<sub>1/4</sub> sec. 17, T.20 S., R.21 E., Cochise County, Hydrologic Unit 15050202, gage is on the left bank, approximately 2.4 mi southwest of Fairbanks, and approximately 3.1 mi upstream from confluence with the San Pedro River.

**DRAINAGE AREA**--Undetermined.

**PERIOD OF RECORD**--Mar. 1999 to current year.

**GAGE**--Water-stage recorder.

**REMARKS**--Records good.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge 862 ft<sup>3</sup>/s, Oct. 23, 2000, gage height 5.28 ft; minimum daily, 0.01 ft<sup>3</sup>/s June 17, 2000.

**EXTREMES FOR CURRENT YEAR**--Maximum discharge, 796 ft<sup>3</sup>/s Aug. 3 at 1330, gage height 5.18 ft. Minimum daily discharge, 0.0 ft<sup>3</sup>/s June 13–July 17.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.12	0.61	0.95	1.2	1.1	1.3	1.3	0.84	0.14	0.00	0.64	0.43
2	0.18	0.64	0.97	1.2	1.1	1.3	1.3	0.88	0.12	0.00	0.73	0.41
3	13	0.66	0.97	1.2	1.1	e1.1	1.3	0.88	0.11	0.00	50	0.39
4	3.2	0.64	0.96	1.2	1.1	e1.1	1.2	0.86	0.11	0.00	12	0.35
5	0.42	0.64	0.96	1.2	0.98	1.4	1.2	0.79	0.11	0.00	4.0	0.31
6	0.36	0.70	0.98	1.3	0.98	1.3	1.1	0.73	0.10	0.00	20	0.29
7	0.39	0.71	0.99	1.3	0.97	1.3	1.1	0.72	0.08	0.00	1.3	0.32
8	0.42	0.67	1.0	1.3	0.97	1.4	1.1	0.70	0.07	0.00	0.99	0.58
9	0.45	0.67	1.0	1.3	0.96	1.4	1.1	0.67	0.05	0.00	0.92	31
10	0.45	0.69	0.99	1.3	0.96	1.4	1.1	0.64	0.04	0.00	1.4	17
11	0.47	0.70	1.1	1.3	0.97	1.4	1.0	0.57	0.04	0.00	0.90	1.1
12	0.51	0.66	1.1	1.3	0.97	1.4	0.99	0.59	0.04	0.00	0.73	0.84
13	0.53	0.67	1.1	1.3	1.0	1.4	0.95	0.59	0.02	0.00	0.65	0.67
14	0.55	0.70	1.1	1.3	0.99	1.4	0.97	0.50	0.00	0.00	0.62	0.48
15	0.58	0.73	1.1	1.3	1.1	1.4	0.94	0.44	0.00	0.00	0.57	0.44
16	0.60	0.76	0.98	1.3	1.1	1.4	0.95	0.44	0.00	1.8	0.56	0.44
17	0.59	0.78	0.98	1.3	1.1	1.4	1.0	0.42	0.00	2.9	0.53	0.43
18	0.56	0.79	0.99	1.2	1.1	1.4	1.0	0.36	0.00	1.1	0.52	0.39
19	0.57	0.80	1.0	1.2	1.1	1.4	0.99	0.31	0.00	0.18	0.56	0.37
20	0.55	0.79	1.0	1.2	1.2	1.4	0.99	0.30	0.00	0.14	0.52	0.34
21	0.53	0.81	1.1	1.3	1.2	1.5	1.0	0.27	0.00	0.11	0.49	0.32
22	0.53	0.80	1.0	1.2	1.3	1.5	1.0	0.28	0.00	2.6	0.44	0.29
23	0.56	0.81	1.1	1.2	1.3	1.4	0.99	0.29	0.00	14	0.41	0.27
24	0.59	0.84	1.1	1.2	1.3	1.4	0.92	0.28	0.00	1.6	0.37	0.23
25	0.60	0.86	1.1	1.3	1.3	1.4	0.93	0.28	0.00	0.33	0.33	0.22
26	0.61	0.87	1.1	1.3	1.3	1.4	0.87	0.28	0.00	22	0.30	0.21
27	0.61	0.84	1.1	1.3	1.3	1.4	0.90	0.28	0.00	73	0.27	0.18
28	0.59	0.87	1.1	1.3	1.3	1.4	0.91	0.26	0.00	6.6	0.24	0.22
29	0.56	0.89	1.1	1.3	---	1.4	0.88	0.24	0.00	1.2	0.30	0.21
30	0.57	0.93	1.1	1.3	---	1.4	0.83	0.20	0.00	0.88	6.3	0.24
31	0.57	---	1.2	1.2	---	1.4	---	0.17	---	0.74	0.74	---
TOTAL	30.82	22.53	32.32	39.1	31.15	42.6	30.81	15.06	1.03	129.18	108.33	58.97
MEAN	0.994	0.751	1.043	1.261	1.113	1.374	1.027	0.486	0.034	4.167	3.495	1.966
MAX	13	0.93	1.2	1.3	1.3	1.5	1.3	0.88	0.14	73	50	31
MIN	0.12	0.61	0.95	1.2	0.96	1.1	0.83	0.17	0.00	0.00	0.24	0.18
MED	0.56	0.75	1.0	1.3	1.1	1.4	1.0	0.44	0.00	0.11	0.62	0.36
AC-FT	61	45	64	78	62	84	61	30	2.0	256	215	117

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

MEAN	9.405	4.437	2.303	2.598	2.637	2.579	1.216	0.781	0.249	1.763	3.473	0.545
MAX	17.8	8.09	3.48	3.92	4.15	3.78	1.57	1.42	0.39	4.16	6.35	0.70
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2000	2002	2000	2001
MIN	0.96	0.79	1.13	1.28	1.12	1.37	0.99	0.42	0.035	0.40	0.59	0.39
(WY)	2002	2002	2002	2002	2002	2002	2000	2000	2002	2000	2001	2000

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	603.34	541.90	
ANNUAL MEAN	1.653	1.485	3.894
HIGHEST ANNUAL MEAN			3.89
LOWEST ANNUAL MEAN			3.89
HIGHEST DAILY MEAN	13	Oct 3	2000
LOWEST DAILY MEAN	0.05	Jul 1	Jun 15 2002
ANNUAL SEVEN-DAY MINIMUM	0.12	Jun 28	Jun 15 2002
ANNUAL RUNOFF (AC-FT)	1200	1070	2820
10 PERCENT EXCEEDS	4.2	1.4	4.2
50 PERCENT EXCEEDS	0.81	0.86	0.95
90 PERCENT EXCEEDS	0.23	0.05	0.17

e Estimated